



Packet No.: FANT-00-012

## DECLARATION & POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My correct residence, post office address and citizenship are stated below next to my name.

I believe myself to be the original, first and sole inventor (if only one name is listed below) or an original and first joint inventor (if more than one name is listed below) of the subject matter which is disclosed and claimed and for which a patent is sought on the invention entitled:

### "ULTRA WIDE BAND TRANSMITTER"

The specification of this subject matter:

- ☐ is attached hereto.
- ☒ was filed on June 21, 2000;
- ☐ was assigned serial No. Not yet assigned;
- ☐ which was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified patent application, including the claims, as amended by any amendment(s) referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

Number	Country	Month/Day/Year Filed	Yes	No
Number	Country	Month/Day/Year Filed	Yes	No
Number	Country	Month/Day/Year Filed	Yes	No



I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date
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Application Number	Filing Date
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I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in these prior United States application(s) in the manner provided by 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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I hereby appoint Kenneth D'Alessandro, Registration No. 29,144; Timothy Brisson, Registration No.: 44,046; Michael Brandt, Registration No.: 39,119; Robert Hall, Registration No.: 39,209, Jonathan Velasco, Registration No.: 42,200, Michael Kerr, Registration No.: 42,722 and Victor Gallo, Registration No.: 41,768, Kathleen S. Hall, Registration No.: 44,143 and Russ F. Marsden, Registration No.: 43,775 as attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith, and certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment, a copy of which is attached, from the inventor(s) of the patent application identified above.

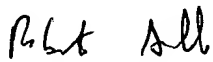
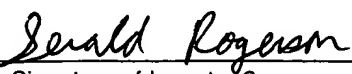
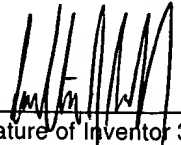

Please send all correspondence and direct all telephone calls to:

Robert C. Hall  
Sierra Patent Group, Ltd.  
P.O. Box 6149  
Stateline, NV 89449  
Telephone (775) 586-9500

I, the undersigned, declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

FULL NAME OF INVENTOR 1	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Roberto		Aiello	
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	Palo Alto	California	Italy	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	470 Alger Drive	Palo Alto	California	94306
FULL NAME OF INVENTOR 2	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Gerald		Rogerson	
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	Morgan Hill	California	United States	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	2204 Hermosa Court	Morgan Hill	California	95037
FULL NAME OF INVENTOR 3	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Carlton		Sparrell	
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	Palo Alto	California	United States	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	2100 Oberlin Street	Palo Alto	California	94306
FULL NAME OF INVENTOR 4	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Jacob		Tuft	
RESIDENCE AND CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	San Francisco	California	United States	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	838 24 <sup>th</sup> Avenue	San Francisco	California	94121

I further declare that all statements made herein of my own knowledge are true and that all statements made upon information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

	8/23/00		8/21/00
Signature of Inventor 1	Date	Signature of Inventor 2	Date
	8/23/00		8-17-00
Signature of Inventor 3	Date	Signature of Inventor 4	Date



Applicant or Patentee: Fantasma Networks

Serial or Patent No. Not yet assigned

Filed or Issued: Filed June 21, 2000

For: **"ULTRA WIDE BAND TRANSMITTER"**

**VERIFIED STATEMENT (DECLARATION) CLAIMING  
SMALL ENTITY STATUS (37 C.F.R. 1.9(f) and 1.27(c))  
SMALL BUSINESS CONCERN**

I hereby declare that I am

☐ the owner of the small business concern identified below:

x an official of the small business concern identified below and empowered to act on its behalf.

NAME OF BUSINESS: Fantasma Networks

ADDRESS OF BUSINESS: 3250 Ash Street, Palo Alto, California 94308

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed, to and remain with the small business concern identified above with regard to the invention, entitled:

**"ULTRA WIDE BAND TRANSMITTER"**

by inventor(s): Roberto Aiello, Gerald Rogerson, Carlton Sparrell and Jacob Tuft

described in:

☐ the specification filed herewith

x application serial No. Not yet assigned, filed June 21, 2000.

☐ patent No. \_\_\_\_\_, issued \_\_\_\_\_.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than an inventor who qualifies as an individual inventor pursuant to 37 C.F.R. §1.9(c), who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which

would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).\*

\*Note: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27).

FULL NAME: Fantasma Networks

ADDRESS: 3250 Ash Street, Palo Alto, California 94308

☐ Individual ☒ Small Business Concern ☐ Nonprofit Organization

FULL NAME:

ADDRESS:

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

FULL NAME:

ADDRESS:

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which the verified statement is directed.

Fantasma Networks  
3250 Ash Street  
Palo Alto, CA 94308

*Robt Aiello*

*8/23/02*

Signature

Date

Roberto Aiello

Print Name

Title

# ASSIGNMENT

WHEREAS, we, Roberto Aiello, a citizen of Italy, residing at 470 Alger Drive, Palo Alto, California 94306, Gerald Rogerson, a citizen of the United States, residing at 2204 Hermosa Court, Morgan Hill, California 95037, Carlton Sparrell, a citizen of the United States, residing at 2100 Oberlin Street, Palo Alto, California 94306, and Jacob Tuft a citizen of the United States, residing at 838 24<sup>th</sup> Avenue, San Francisco, California 94121, have invented a "**ULTRA WIDE BAND TRANSMITTER**" for which we have executed application papers for a U.S. patent thereon, which was filed on June 21, 2000, serial No. not yet assigned; and

WHEREAS, Fantasma Networks, a Delaware corporation, having a place of business at 3250 Ash Street, Palo Alto, California 94308, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, Roberto Aiello, Gerald Rogerson, Carlton Sparrell and Jacob Tuft, do sell, assign, transfer and set over unto the said Fantasma Networks, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to Fantasma Networks, its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at Palo Alto, California, this 23rd day of August, 2000.

Roberto Aiello  
Roberto Aiello  
Carlton Sparrell  
8/23/00

Gerald Rogerson 8/21/00  
Gerald Rogerson  
Jacob Tuft 8-17-00

**COPY**